APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

TT-64-10062

Holzach, K.
HISTORY OF INDIGO MANUFACTURE AT THE BADISCHE ANILINE AND SODA FABRIK. [1963] 13p 33refs
Order from SLA $1.60 TT-64-10062

Trans. of Angewandte Chemie (West Germany) 1948, v. 60, p. 200-204.

DESCRIPTORS: *Chemical industry, *Dyes, Synthesis (Chemistry), Manufacturing methods, History.

(Chemistry, TT, v. 11, no. 5)

1. Title: Indigo
I. Holzach, K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Novel Reaction Products of Urea with Aldehydes and Ammonia or Amine Bases, By A. M. Paquin

GERMAN, per, Angew. Chem. A Vol LX No. 10, 1948 pp 267-271.

ATS-56-GJ

Sci-
Sep 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Influence of the Lewis Coefficient on the Separation of Vapours From Gas-Vapour Mixtures by Freezing, by E. Hausen

CHEMAB, per, Angew Chem, Vol XLB, No 7, 1948, pp 177-182.

A.E.R.E. Harwell
11/3/5/315 OT/508

8193

Scientific - Chemistry
CTS/DEK

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Synol Process a New Synthesis of Aliphatic Alcohols, By Wilhelm Wenzel

GERMAN, per. Angewante Chemie B, Vol XX, No 9, 1948, pp 225-231.

S.L.A. Tr Pool

Scientific - Chemistry
CTS/DKX

14,176

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Determination of Boiling Equilibria of Nitrogen-Argon-Oxygen Mixtures at 1000 Torr, by Joseph Weishaupt, 6 pp.

GERMAN, per, Angewandte Chemie, Vol XX B, 1948, pp 321-326.

US Dept of Commerce
National Bureau of
Standards (Gift)

Sci - Chemistry

43,011

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Kiermeier, F.
INFLUENCING THE KEEPING QUALITIES OF FOODSTUFFS (A PROBLEM OF TECHNICAL BIOCHEMISTRY) (Beeinflussung der Haltbarkeit von Nährmitteln: Eine Aufgabe der Technischen Biochemie). [1963] [20]p. (foreign text included) 37 refs.
Order from SLA $1.60 63-14977

Trans. of Angew[andte] Chem[ie] (West Germany) 1948, v. 60, no. 7/8, p. 175-179.

DESCRIPTORS: Preservation, *Foods, Storage, Quality control, Biochemistry.

(Food, TT, v. 10, no. 6)

63-14977

1. Kiermeier, F.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Gericke, S.
THE STUDY OF PHOSPHATES [PTS.] 4-8, tr. by Bertha P. Klenova. 1949-53 [26]p. 6 refs. [No.] 2801
Order from OTS or SLA $2.60 60-23245

Trans. of Angew[andte] Chem[ie] (West Germany) 1948, v. 60, p. 98-99; 1949, v. 61, p. 410-411; 1951, v. 63, p. 193-194; 1952, v. 64, p. 164-165; and 1953, v. 65, p. 59-61.

DESCRIPTORS: *Phosphates, *Silicates, *Fertilizers, Production, Fused materials, Electrodialysis, Chemical analysis.

(Chemistry--Inorganic, TT, v. 8, no. 1)

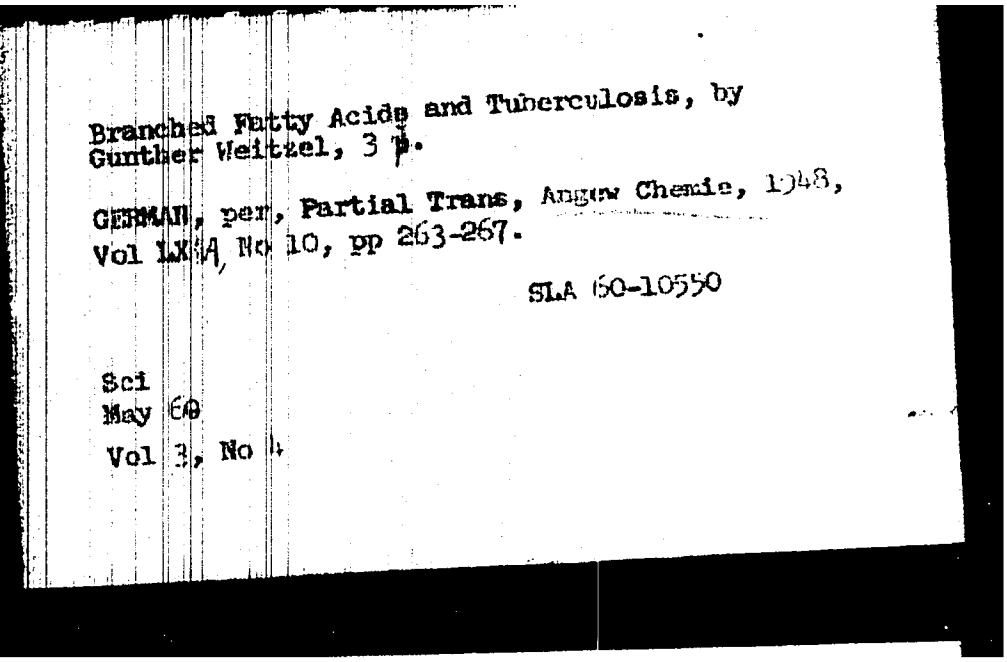
60-23245

I. Gericke, S.
II. TVA-2801
III. Tennessee Valley Authority, Wilson Dam, Ala.

5-16-62
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2



Branched Fatty Acids and Tuberculosis, by Gunther Weitzel, 3 p.

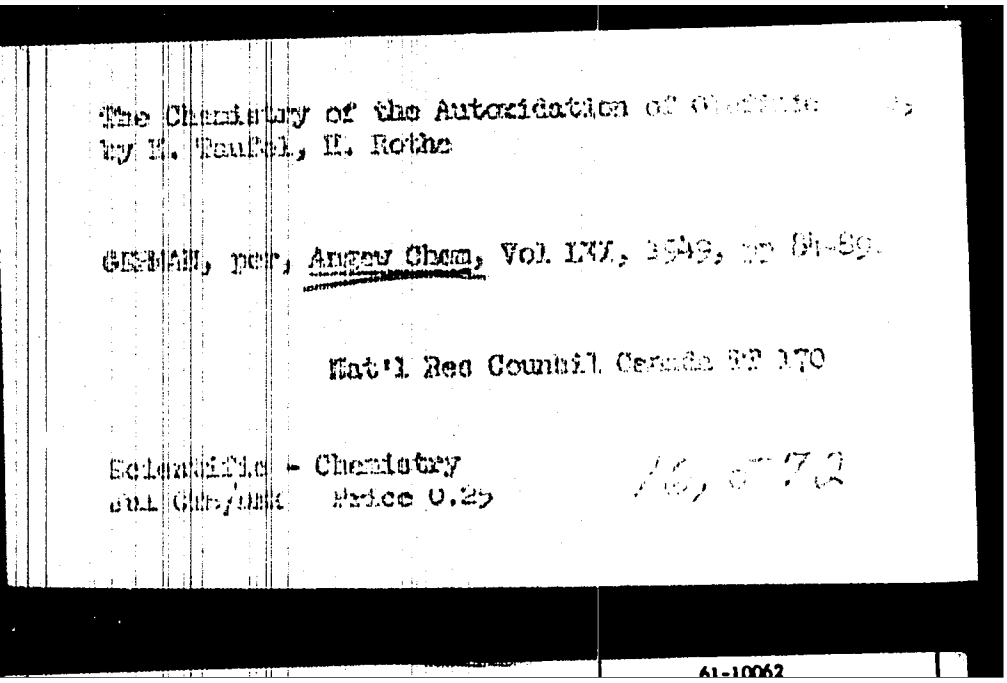
GERMAN, per, Partial Trans, Angew Chemie, 1948, Vol LXA, No 10, pp 263-267.

SLA 60-10550

Sci
May 60
Vol 3, No 4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2



The Chemistry of the Autoxidation of [illegible]
by H. Paul, H. Rothe

GERMAN, per, Angew Chem, Vol. LXV, 1949, pp 81-89.

Nat'l Res Council Canada RT 170

Scientific - Chemistry
Price 0.25

61-10062

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Ziegler, Karl.
25 YEARS OF "STUDY OF TRIVALENT CARBON"
(25 Jahre "Zur Kenntnis des Dreiwertigen Kohlenstoffs"). 1958, 26p. 50 refs.
Order from SLA m$2.70, ph$4.80 61-10062

Trans. of Angew[andte] Chemie (West Germany) 1949, v. 61 [no. 5] p. 168-179.

148,479

(Chemistry--Organic, TT, v. 5, no. 7)

61-10062

1. Free radicals--Chemical reactions
2. Organic compounds--Chemical reactions
1. Ziegler, K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Chemistry of Acrylonitrile, by Otto Bayer, 3 pp.

GERMAN, Angew Chem, Vol LXI, 1949, No 6 p 230-241.

CIA/FDD/X-1333
SLA TT-64-10056 (24pp)

13,052

Scientific - Chemistry XXXXXX May CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Rein, H.
POLYACRYLONITRILE FIBERS. [1963] 12p 2) refs
Order from SLA $1.60 TT-64-10054

Trans. of Angew[andte] Chem[ie] (West Germany)
1949, v. 61, no. 6, p. 241-245.

DESCRIPTORS: *Acrylonitrile polymers, *Fibers (Synthetic), *Textiles, *Orlon, Mechanical properties, Wear resistance, Economics,

(Materials--Textiles, TT, v. 11, no. 5)

TT-64-10054

1. Rein, H.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Syntheses of Tryptophan, by H. Hellmann, 40 pp.

GERMAN, per, Angew Chem, Vol LXI, 1949, pp352-357

S. L. A. Tr 606/56

Sci - Chemistry

Aug 56 CTS/dax

37,335

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Biochemistry of Food Protein, by J. Kuehnau, 54 pp.

GERMAN, per, Angew Chem, Vol LXI, 1949, pp 357-365.

S. L. A. Tr 630/56

38,317

Sci - Chemistry

Aug 56 CTB/dex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Acceleration of Peroxide Decomposition by Amines, by L. Horner, E. Schwenk.

GERMAN, per, Angew Chem, Vol LXI, No 10, 1949, pp 411-412.

ATS @ 253-GJ

Sci
Nov 59

100,692

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Polymerization Initiation by Peroxides under the Influence of Amines, by L. Horner, 2 pp.

GERMAN, per, Angew Chem, Vol LXI, No 11, 1949, p 458.

Assoc Tech Serv 76J160

Jul 58

69, 978

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Significance of Transamination in Metabolism, by K. Eeyns, 42 pp.

GERMAN, per, Angewandte Chemie, Vol LXI, No 12, Dec 1949, pp 474-482.

NIH

Scientific - Biology

Jan 54 CTS

8656

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

New Information on Use of Flourine Compounds in Wood Preservation, by G. Becker, 7pp GERMAN, per, Angewandte Chemie, Vol 62, 1950, No 16, pp 382-385 SLA TT-64-18097

/Sci - Mat
May 67

325,970

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Tetrahydrofuran Hydroperoxide, by E. Rein, R. Criegee.

GERMAN, per, Angewandte Chemie, Vol LXII, No 120, 1950.

CSIRO

Sci - Chem

Apr 62

192, 721

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Vulcollan, a New Kind of High Elasticity Material, by O. Bayer, E. Muller, S. Petersen, H. F. Piepenbrink, E. Windemuth

GERMAN, per, Angew Chem, Vol LXII, No 3, 1950, pp 57-66.

R.A.E. Farnborough 427

Scientific - Chemistry
CTS/DEX

8214

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Synthesis and REaction Products of Acrolein, by H. Schulz, H. Wagner, 50 pp.

GERMAN, per, Angewandte Chemie, Vol LXII, No 5, 1950, pp 105-118.

SLA 59-17052

Sci
Jan 60
Vol 2, No 7

SLA TT- 64-

104,840

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Synthesis and Products of Transformation of Acrolein, by Schulz, H. Wagner, 17 pp.

GERMAN, per, Angew. Chem., Vol LXII, No 5, 1950, pp [redacted]. 165-178

SLA Tr [redacted] 57-1897

Sci

Jun 58

65,922

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Abstracts of Papers Delivered Before the 48th General Meeting of the Germanbunsen Bunsen Society for Physical Chemistry, 27 pp.

GERMAN, per, Angew Chemie, Vol LXII, 1950, pp 121-5.

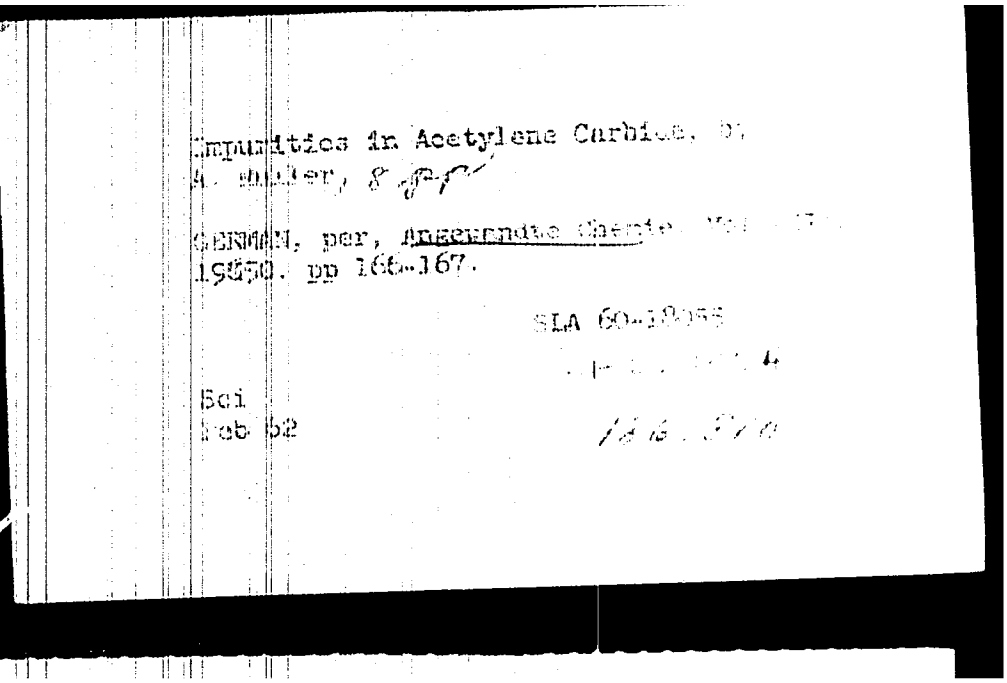
B.I.L.A. Tr 960

Sci - Chemistry 33,021

Apr 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2



Impurities in Acetylene Carbide. D.
A. Muller, S.f.c.

GERMAN, per, Angewandte Chemie
1950. pp 166-167.

SLA 60-19055

Sci
Feb 52

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Organometallic Complex Compounds,
by G. Wittig.
GERMAN, per, Angewandte Chemie, Vol 62,
1950, pp 231-236.
IICH-8679

AEC tr - 4392
INSDOC T/847

Sci-Chem
Jul 66 305,533

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Jander, G.
CHEMISTRY IN WATER-LIKE SOLVENTS AND MOLTEN SALTS AS EXEMPLIFIED BY CHEMISTRY IN MOLTEN MERCURIC BROMIDE. [1963] 22p 4refs
Order from SLA $2.60 TT-63-20452

Trans. of [Angewandte Chemie] (West Germany) 1950 [v. 62, p. 264-268]. (Abstract available)

DESCRIPTORS: *Solvents, *Fused materials, *Mercury compounds, *Bromides, Chemical properties, Physical properties.

After an introduction and a discussion of the properties of mercuric bromide, a description is given of illustrative neutralization-analogous reactions, the behavior of HgO, the molecular weight and conductivity of various substances, the function of residual water of crystallization, as well as solvolysis and amphoteric behavior in molten mercuric bromide. (Author)

TT-63-20452

I. Jander, G.

(Chemistry-- Physical, TT, v. 11, no. 6)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Zimmerman, M.
PHOTOMETRIC PHOSPHATE DETERMINATION (Zur Photometrischen Phosphorbestimmung). [1963] 7p. (foreign text included) 2 refs.
Order from SLA $1.10 63-16770

Trans. of Angew[andte] Chemie (West Germany) 1950, v. 62, no. 12, p. 291-292.

DESCRIPTORS: *Phosphates, Chemical analysis, Spectrophotometers, Iron, Sulfites.

(Chemistry--Analytical, TT, v. 10, no. 9)

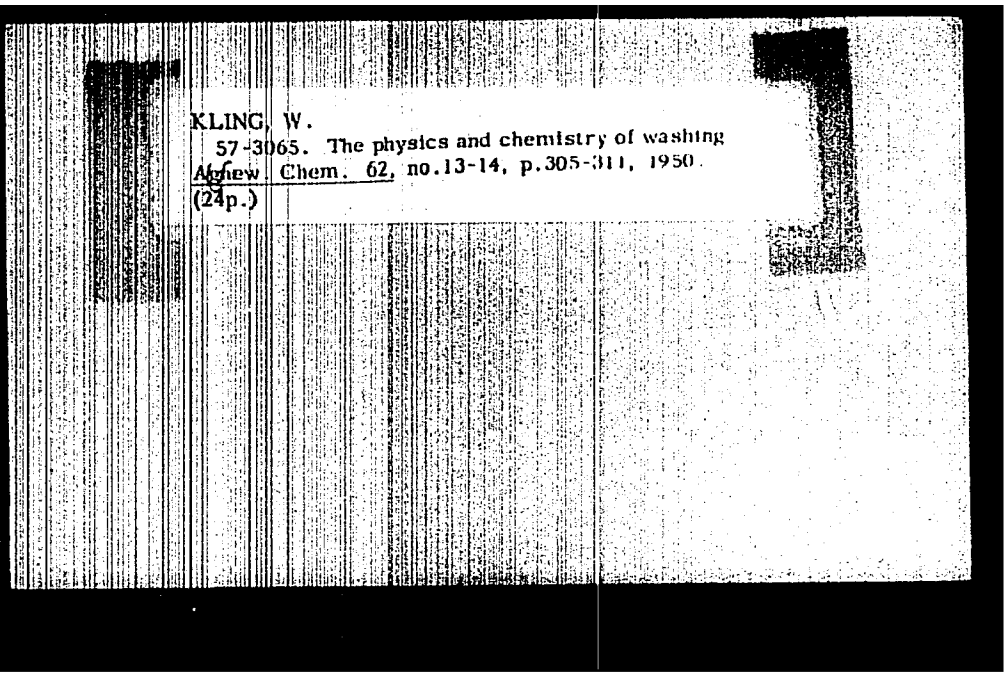
63-16770

I. Zimmerman, M.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2



KLING, W.
57-3065. The physics and chemistry of washing
Angew. Chem. 62, no.13-14, p.305-311, 1950.
(24p.)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Chemistry of Reactions in Bromine Trifluoride, by V. Gutmann

GERMAN, per, Anger Chem, Vol LXII, 1950, pp 312-315.

Nat'l Res Council Canada TT 221

Scientific - Chemistry
Jul CRS/DEX Price 0.25

16,465

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Recent Observations on Fluorine Compounds in Wood Preservation, by G. Becker, 16 pp.

GERMAN, per, Angew Chem Vol LXII, No 16, 21 Aug 1950, pp 382-385.

SLA Tr 57-358

Sci - Chemistry

53,321

Sep 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Preparation of "Wet Strength" Papers by Addition of Synthetic Resins to Paper Pulp, by H. Wilfinger, 26pp.

GERMAN, per, Angew Chemie, Vol LXII, No 17, 1950, pp 405-409.

SLA Tr 840/1955

Sci - Chem

50,160

Jul 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Meeting on the Occasion of the Fifty-Year Doctor Jubilee of Professor Doctor Julius Meyer, Clausthal, May 9 1950.

Full translation.

GERMAN, per, Angew Chem, Vol 62, 1950, pp 413-414.

AEC Tr 1230

Scientific - Miscellaneous

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Meeting on the Occasion of the 50 Year Doctor Jubilee of Prof. Dr. Julius Meyer, Clausthal, May 9, 1950.

GERMAN, per, Angew Chem, Vol IXII, 1950, pp 423-424.

AEC UCRL-T-122

Sci - Misc

Apr 60

115 088

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Development (and Application) of Amalgam Chemistry, by E. Kuss.

GERMAN, per, Angewandte Chemie, Vol LXII, No 22, 1950, pp 519-526.

34,049

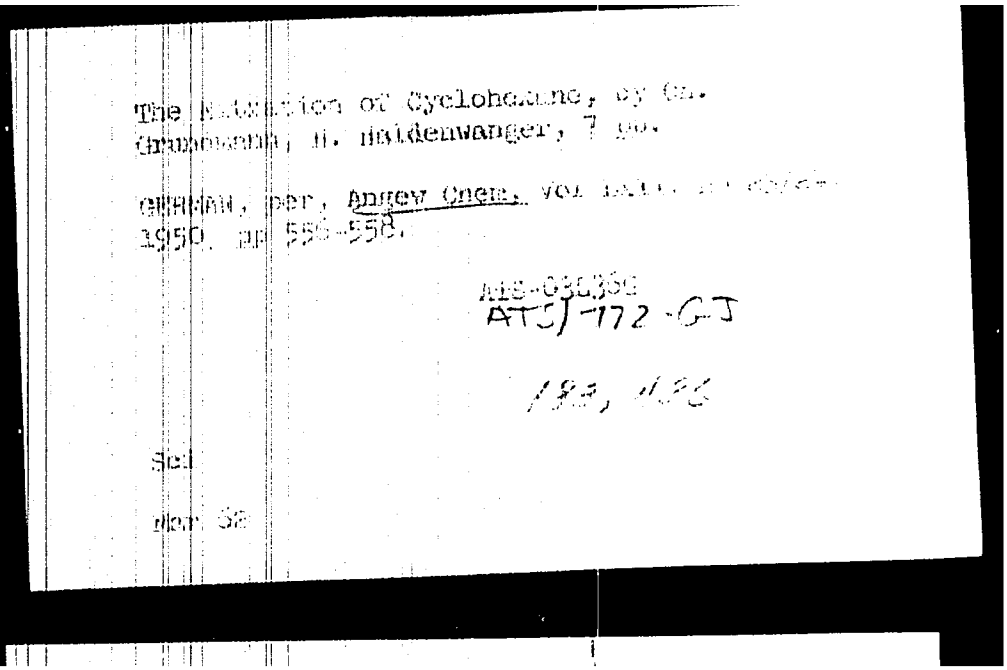
Brutcher Tr
No 3649
PLA (C)-18236 (Supp 2)(C)
$12.75

Scientific - Chemistry

May 56 CTS/DKK

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2



The [illegible] of Cyclohexane, by G. [illegible], H. Heidenwanger, 7 pp.

GERMAN, per, Angew Chem, Vol [illegible]
1950, pp 556-558.

AEC-[illegible]
ATSJ-172-GJ

183, 422

Sci

Chem 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

TT-64-16591

Noll, W.
SEMIBURNT DOLOMITE (Über den Halbgebrannten Dolomit). [23p] (foreign text included) 22refs
Order from SLA $2.60 TT-64-16591

Trans. of Angewandte Chemie (West Germany) 1950. v. 62, no. 23/24, p. 567-572.

(Materials, TT, v. 12, no. 3)

1. Noll, W.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Chemistry and Photochemistry of the Terrestrial Atmosphere, by P. Harteck, 29 pp. UNCLASSIFIED.

GERMAN, per, Angewandte Chemie, Vol LXIII, No 1, 1951, pp 1-7.

Air Res and Dev Command
T-87-GV

Scientific - Chemistry

17,865

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Some Newer Studies in the Vitamin Field, by Prof Dr P. Karrer, 16 pp.

GERMAN, per. Angewandte Chemie, Vol LXIII, No 2, 1951, pp 37-40.

NIH

Scientific - Chemistry

7139

Nov 53 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Spandau, H.
DETERMINATION OF THE PARTICLE WEIGHT OF ORGANIC COMPOUNDS BY MEANS OF THE DIALYSIS METHOD; A CONTRIBUTION TO THE QUESTION OF THE SOLVATION OF ORGANIC SUBSTANCES IN SOLUTION (ABSTRACT). [1961] 9p. 1 ref.
Order from SLA m$1.80, ph$1.80 61-10781

Trans. of Angewandte Chemie (West Germany) 1951 [v. 63, no. 2] p. 41-43.

151854

(Chemistry--Physical), TT, v. 5, no. 9)

61-10781

1. Organic compounds--Solubility
2. Solutions--Diffusion
3. Particles--Measurement
4. Diffusion--Analysis
I. Spandau, H.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Chemical Structure of the "Activated Acetic Acid, by F. Lynen, Ernestine Reichert, 12 pp.

GERMAN, per, Angewandte Chemie, Vol LXIII, No 2, 1951, pp 47, 48.

SLA 60-10555

119,139

Sci
Jun 60
Vol XII, No 6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Narrowing of the Limits of Inflammability of Hydrogen-Air Mixtures by Addition, by L. Sieg, 10 pp.

Full translation.

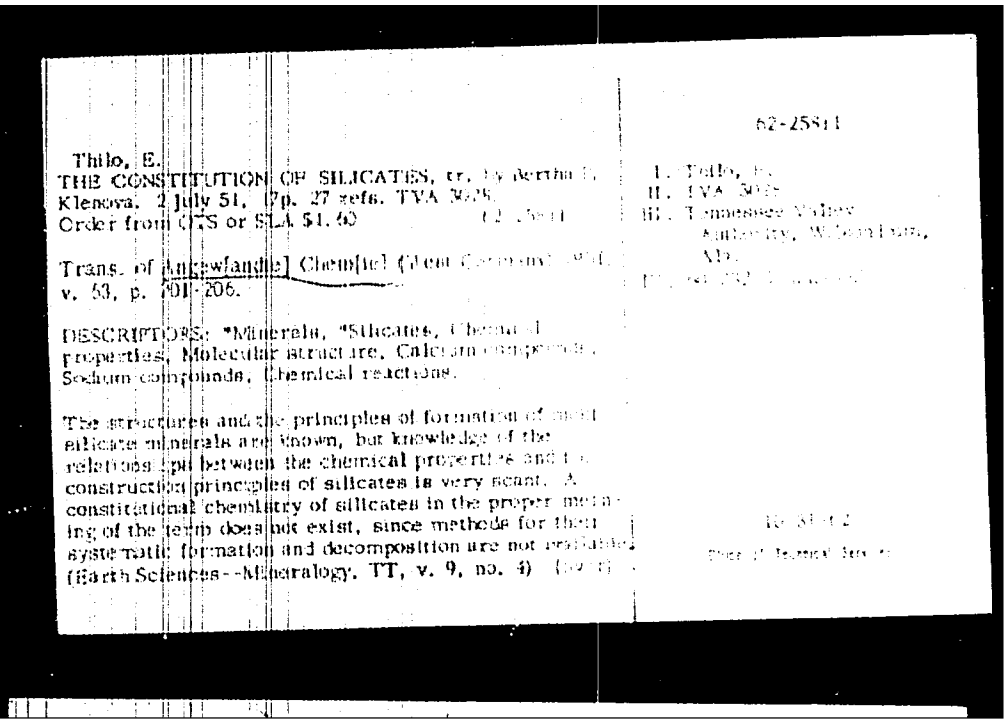
GERMAN, no per, Angew Chem, Vol LXIII, No 6, 1951, pp 143-146.

CIA/FDD Z-40

Scienific - Chemistry, hydrogen, air mixture
Feb 53 CTS ACSIL 558

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2



Thilo, E.
THE CONSTITUTION OF SILICATES, tr. by Bertha E. Klenova. 2 July 51. 7p. 27 refs. TVA 3625
Order from OTS or SLA $1.50

62-25811

I. Thilo, E.
II. TVA 3625
III. Tennessee Valley Authority, Wilsonville, Ala.

Trans. of Angewandte Chemie (Gesellschaft ...) v. 53, p. 201-206.

DESCRIPTORS: *Minerals, *Silicates, Chemical properties, Molecular structure, Calcium compounds, Sodium compounds, Chemical reactions.

The structures and the principles of formation of most silicate minerals are known, but knowledge of the relations that between the chemical properties and the construction principles of silicates is very scant. A constitutional chemistry of silicates in the proper meaning of the term does not exist, since methods for their systematic formation and decomposition are not available. (Earth Sciences--Mineralogy, TT, v. 9, no. 4)

To: SLA

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

A Chromotographic Colorimetric Method for the Determination of Very Small Quantities of Acids, by H. Granshof.

GERMAN, per, Angew Chem, Vol LXIII, No 9, 1951, pp 219-220.

T.I.L. T.4519

35,713

Sci - Chemistry

Jun 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Retention Analysis V. Paperchromatography an Ionophoresis of Hydroxy-Carboxylic Acids and Their Quantitative Determination, by Th. Wieland, Ursula Feld, 4 p.

GERMAN, per, Angew Chem, 1951, Vol LXIII, No 11, pp 258-259.

SLA 60-10554

Sci
May 60
Vol 3, No 4

116/763

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Newest Methods for the Determination of the Composition of the Bituminous Coal Tar, by H. G. Franck.

GERMAN, per, Angewandte Chemie, Vol LXIII, No 11, 1951, pp 260-263.

Navy Tr 1247/NRL 536

8ci - Chemistry
Fuels

Nov 55 CTS/DEX

28,952

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Evaluation of Ion Exchange Agents with Special Reference to their rates of Exchange, by H. Stach, 16pp.
GERMAN, per, Angewandte Chemie, Vol 63, No 11, 1951, pp 263-267.
CFSTI TT-64-18924.

322,610

Sci - Electronics &
Electrical Engineering;
Mar 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Pure Products From Coal Tar, by K. F. Lang, 4 pp.

GERMAN, per Angew Chem, Vol LXIII, No 15, 1951, pp 345-349.

S.L.A. Tr No 350/1955

44,983

Sci - Chemistry
Jan 1957 CTS/dex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Moschel, W.
ON THE TECHNOLOGY OF MAGNESIUM PRODUCTION. [1963] 50p (figs omitted) 100refs
Order from SLA $4.60 TT-64-14378

Trans. of Angewandte Chemie (West Germany) 1951, v. 63, no. 17/18, p. 385-395.
Another trans. is available from SLA as II-249, 50p.

(Metallurgy--Light Metals, TT, v. 11, no. 11)

TT-64-14378

I. Moschel, W.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

62-25810

Weber, R.
REMOVAL OF SULFUR DIOXIDE FROM A CARBON DIOXIDE GAS STREAM WITH MARBLE, tr. by Bertha P. Klenova. 21 Feb 62 [8]p. 4 refs. TVA 3080. Order from OTS or SLA $1.10 62-25810

Trans. of Angew[andte] Chem[ie] (West Germany) 1951, v. 63, p. 467-469.

DESCRIPTORS: *Carbon dioxide, Purification, *Sulfur compounds, Dioxides, Absorbants, *Marble, Powders (Chemistry).

In laboratory experiments to remove sulfur dioxide from carbon dioxide, the carbon dioxide gas is [illegible] from the bottom through a column packed with marble chips and the water is added continuously at the top. The purification effect has been investigated for a marble of definite grain size as a function of the amount of (Chemistry—Inorganic, TT, v. 9, no. 4) (over)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Thilo, E.
THE CHEMISTRY OF CONDENSED PHOSPHATES, tr. by Bertha P. Klenova. 15 Jan 52 [11]p. 39 refs.
TVA 3076.
Order from OTS or SLA $1.60 62-25809

Trans. of Angew[andte] Chem[ie] (West Germany) 1951, v. 63, p. 508-511.

DESCRIPTORS: *Phosphates, *Chemistry, Phosphoric acids, Condensation reactions.

Important conclusions with respect to the constitution were derived from the study of the structure of the anions of condensed phosphoric acids. A division can now be made into metaphosphates, polyphosphates, isometaphosphates, and another group for which the constitution has not been definitely established as yet. Graham's and Kurrol salts belong to this latter group. An important contribution was made to the chemistry of the transformations of Kurrol salts. (Author)

62-25809

I. Thilo, E.
II. TVA-3076
III. Tennesses Valley Authority, Wilson Dam, Ala.
IV. 60-23290 canceled

10-16-62
(Chemistry--Inorganic, TT, v. 9, no. 10)
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Bjerrum, J.
THE NECESSITY OF A SPECIAL ANTIBASE CONCEPT: DISCUSSION OF THE CONCEPTS OF ACIDS AND BASES, tr. by Bertha P. Klenova. 14 Feb 52 [11]p. 18 refs. TVA 3085.
Order from OTS or SLA $1.60 62-25808

Trans. of Angew[andte] Chem[ie] (West Germany) 1951, v. 63, p. 527-530.

DESCRIPTORS: *Acid-base equilibrium, Theory, Oxidation-reduction reactions, Electron capture

(Chemistry--Physical, TT, v. 9, no. 4)

62-25808

1. Title: Antibases
1. Bjerrum, J.
II. Title: Discussion...
III. TVA-3085
IV. Tennessee Valley Authority, Wilson Dam, Ala.
V. 60-23297 cancelled

10-16-62
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Amino Acid Decarboxylases, by Dr E. Werle, 37 pp.

GERMAN, per, Angewandte Chemie, Vol LXIII, No 23/24, 1951, pp 550-555. CIA D 151148

NIH

Scientific - Chemistry

22,194

CTS 66/Mar 1955

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Adhesive Capactiy of Powders and Its Application to the Estimation of Particle Size, by E. Cremer, et al, 9 pp.

GERMAN, per, Angew Chem, Vol LXIV, No 1, 1952, pp 10-11.

S.L.A. Tr 987

Sci - Chemistry

33,061

Apr 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Problems in Photochemical Synthesis, by G. O. Schenck, 29 pp.

GERMAN, per, Angew Chem, Vol LXIV, 1952, pp 12-23.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-299

Sci - Chemistry
Jun 57

49,148

IAC INTERNAL USE ONLY

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Group Transferring Action of Disaccharide Splitting Enzymes, by K. Wallenfels, E. Bernt, 7 pp.

GERMAN, per, Angew Chem, Vol LXIV, No 1, 1953, pp 28, 29.

SLA Tr 816/1955

Sci - Biol

50,176

Jul 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Development of the Production of Foamed and Cellular Rubber, by F. Lober, 35pp
GERMAN, per, Angewandte Chemie, Vol 64, 1952, No 3, pp 65-76
SIA TT-64-20295

Sci - Mat
June 67

327,506

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Adduct Compounds of Cyclodextrin, by F. Cramer, 3 pp.

GERMAN, per, Angew Chem, Vol LXIV, 1952, p 136.

S.L.A. Tr No 1855

Sci - Chemistry, organic
Apr 57

46,856

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

N-Trifluoro Acetyl Amino Acids, by F. Weygand, E. Csendes, 5 pp.

GERMAN, Ber, Angew Chem, Vol LXIV, 1952, p 136.

NIH 9-21

Sci - Chem
Sep 59

97,400

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Oriental Separation of Crystals, by Neuhaus.

GERMAN, per, Angewandte Chemie, Vol LXIV, 1952, pp 158-162.

CSIRO GB 105

Sci - Chem
Apr 62

190,356

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Hydrocarbon From Carbon Monoxide and Water, by H. Kolbel, F. Engelhardt, 13 pp.

GERMAN, per, Angew Chem, Vol LXIV, No 2, 1952.

S.L.A. Tr No 1871

Sci - Chemistry, inorganic
Apr 57

46,870

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Bio Lab. T-508-1

R-8081-D
14 Mar 67

Protonenfreie ionisierende anorganische losungsmittel
By: Spandau, H.
From: Angewandte Chemie, V64(#4):93-120, '52 (28 pp)

German - est for wds:

Please translate and type 1 camera ready copy. Document can be cut. Please make cover as sample attached.
T-508-1.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

New Rapid Method of Halogen Determination in Organic Substances, R. Wickbold, 12p.
GERMAN, per, Angewandte Chemie, No 64, No 5, 1952, pp 133-135.
SLA TT-64-30942

333, 775

Sci
Jul 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Machemer, H.
THE GUERBET REACTION AND ITS TECHNICAL IMPORTANCE. [1963] [28]p. (figs. tables omitted) 206 refs.
Order from SLA $2.60 63-18691

Trans. of Angew[andte] Chemie (West Germany) 1952, v. 64, 21 Apr, p. 213-220.

DESCRIPTORS: *Alcohols, *Surface-active substances, *Detergents, *Cleaning compounds, Alkylation, Condensation reactions, Molecular isomerism.

(Materials, TT, v. 10, no. 11)

63-18691

1. Title: Guerbet reactions
I. Machemer, H.

TC -190

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Characteristics and Importance of Free Radicals, by E. Muller, 74 pp.

GERMAN, per, Angew Chem, Vol LXIV, No 9-10, May 13, 1952, pp 233-247.

SLA 57-2309

Jul 58

69, 487

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Korath, E.
NEWER INORGANIC PIGMENTS. [1961] [12]p.
Order from SLA $1.60 62-10040

Trans. of Angewandte Chemie (West Germany)
1952, v. 64, no. 9/10, p. 265-269.

DESCRIPTORS: *Pigments, *Inorganic substances.

The object of the investigation was an economical, cement stable, inorganic blue pigment. Systematic treatment was successful in finding, in Manganese Blue, a technically satisfactory solution. In addition, different other blue pigments, consisting of binary (analogous to Rinmans green) or ternary oxide compounds, were found. The work was extended to rust-protective pigments and subsequently the ferrites of Pb and Ba, and especially of lead cyanamide were found to be very good rust-protective pigments. (Author)

62-10040

1. Korath, E.

(Chemistry, Inorganic, JT, v. [illegible], no. 9)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

On the Fine Structure of Some Proteins, by H. Zahn.

GERMAN, per, Angew Chem, Vol LXIV, No 11, 1952, p 295-308.

SLA A&LIB 0B121

Sci

Jul 58

62.599

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Alumino-organic Syntheses in the Field of Olefinic Hydrocarbons, by K. Ziegler, 16 pp.

Full translation.

GERMAN, per Angew. Chem., Vol LXIV, 1952, pp 323-329.

S.L.A.

TT-2[illegible]
Scientific - Chemistry

27,420

Aug 55

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Organo-Aluminum Suntheses With Olefinic Hydrocarbons, by K. Ziegler, 19 pp,

GERMAN, paper, Angew. Chemie, Vol LXIV, pp 323-331, 1952.

CIA/FDD/X-1557

21,434

Scientific - Chemistry Feb 55 CIB

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Design of Apparatus and Processing Techniques in Modern Acetylene-and Carbon Monozide Chemistry, by Walter Reppe, 15pp
GERMAN, per, Angew Chem, Vol 21, 1952, No 245-268, pp 340-359
SLA TT-64-20308

Sci - Eng
May 67

327,407

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Conversion of Ultrasound Into Visible Images by Means of a Thermally Actuated Color Change, by H. H. Hunt

GERMAN, per, Angewandte Chemie, Vol LXIV, No 11, 1952, pp 308-311.

Brutcher Tr 3035

Scientific - Chemistry
TGS/DSX

Price $5.00 7852

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Diffusion in Solid Metals, by W. Seith, A. Kottmann, UNCLASSIFIED

GERMAN, Angew. Chem., Vol 64, No 14, pp 379-391, 1952.

A.E.R.E., Harwell Tr No 11/3/5/265; OT/432

Scientific - Metallurgy

Index Aeronautics, February 1953

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Introduction of Alkylsulfinyl Groups Into Organic Compounds, by H. Brintzinger et al. 1 p.
UNCLASSIFIED

GERMAN, per. Angew Chem, Vol LXIV, 1952, p 39?.

CIA/FDD/X-1508

Scientific - Chemistry

19,603

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

New Macromolecular Compounds, by H. [illegible] et al, 1 p. UNCLASSIFIED

GERMANY, per, Angew Chem, Vol LXIV, 1952, p [illegible].

CIA/FDD/A-1509

Scientific - Chemistry

1 B, 6 a

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Purification of the Polymethanol Compounds of Phenol, by J. Reese

GERMAN, per, Angew Chem, Vol LXIV, No 14, 1952, pp 399-400.

C.D.E.E. Porton 131 OT/826

Scientific - Chemistry
CTS/DEX

17,803

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Inclusion Compounds, by Friedrich Cramer,
18pp.
GERMAN, per, Angewandte Chemie, Vol 64,
No 16, 1952, pp 437-447.
CFSTI TT-64-18912.

322.318

Sci - Chemistry
Mar 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Ans, J. 'd and Mattner, J.
CATALYSIS OF COPPER HYDROXIDE IN HYDROGEN PEROXIDE AND PERACETIC ACID SOLUTIONS AND IN THE RASCHIG HYDRAZINE SYNTHESIS AND ITS INHIBITION BY MEANS OF MAGNESIUM HYDROXIDE. [1961] 16p. 19 refs.
Order from ES $7.00

Trans. of Angew[andte] Chem[ie] (West Germany) 1952, v. 64, p. 448ff.

DESCRIPTORS: Copper compounds, *Hydroxides, Hydrogen compounds, *Peroxides, *Acetic acids, *Catalysis, *Hydrazines, Synthesis, Magnesium compounds, Chemical reactions.

(Chemistry--Inorganic, TT, v. 6, no. 6)

61-25142

I. Ans, J. 'd
II. Mattner, J.
III. Stux, Erica, Akron, Ohio

176752

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

New High Elastic Substance "Vulcollan", Part II, 9,
by E. Mueller, 34 pp. UNCLASSIFIED
Report on Polyurethane,
GERMAN, per, Angewandte Chemie, Vol LXIV, 1952,
pp 523-531.

QMT 427

Scientific - Chemistry

Oct 53 CIB 6659

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Artificial Fluorine Materials, by O. Horn, W. Strack, 7 pp.

GERMAN, per, Angewandte chemie, Vol LXIV, 1952, pp 533-536.

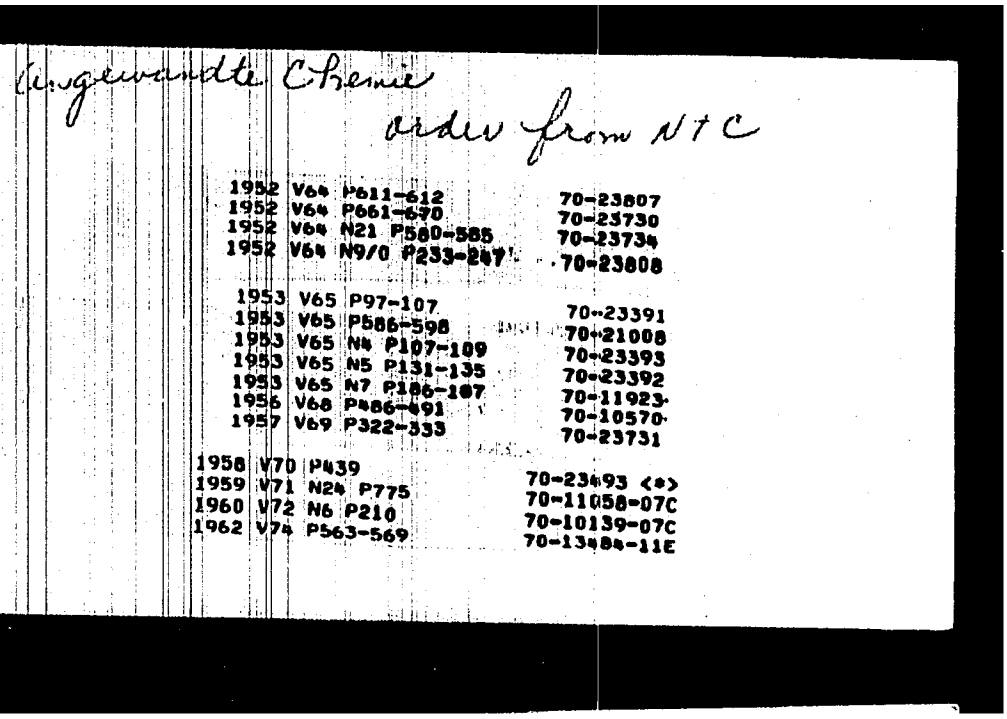
SLA Tr 1637

Sci - Chem
Apr 1957

46,192

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2



Angewandte Chemie

order from NTC

1952 V64 P611-612		70-23807
1952 V64 P661-670		70-23730
1952 V64 N21 P580-585		70-23734
1952 V64 N9/0 P233-247		70-23808
1953 V65 P97-107		70-23391
1953 V65 P586-598		70-21008
1953 V65 N4 P107-109		70-23393
1953 V65 N5 P131-135		70-23392
1953 V65 N7 P186-187		70-11923
1956 V68 P486-491		70-10570
1957 V69 P322-333		70-23731
1958 V70 P439		70-23493 (*)
1959 V71 N24 P775		70-11058-07C
1960 V72 N6 P210		70-10139-07C
1962 V74 P563-569		70-13484-11E

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Activation Analysis, by W. Herr, 25 pp.

GERMAN, per, Angew Chem, Vol LXIV, No 24, 1952, pp 679-~~684~~ 685.

SLA Tr 3029

Sci - Chemistry
Feb 58

59,538

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

The Role of Atmospheric Nitrogen in Maintaining Life on Earth, by Prof Dr Atutri I. Virtanen, 35 pp.

Full translation.

MUNCH, per, Angewandte Chemie, Vol LXV, No 1, 7 Jan 1953, pp 1-11.

CIA/FDD/X-952

Scientific - Biology

3669

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

New Results in Preparative Hydride Research, by Egen Wiberg, 35 pp.

GERMAN, per, Angew Chem, Vol LXV, 1953, pp 16-33.

AEC Tr 1931
SLA 833/1955

Scientific - Chemistry
Jul /CTS/DEK

16,478

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Wickbold, R.
PHOTOMETRIC TURBIDITY TITRATION FOR DETERMINATION OF MINIMUM AMOUNTS OF SULFATE. tr. by Bertha F. Klenova. 22 Apr 53, 7p. 2 refs. TVA 3187.
Order from OTS or SLA $1.10 62-25804

Trans. of Angew[andte] Chem[ie] (West Germany) 1953, v. 65, p. 159-161.

DESCRIPTORS: *Sulfates, Determination, Titration, Turbulence, Photometers, Barium compounds, Chlorides

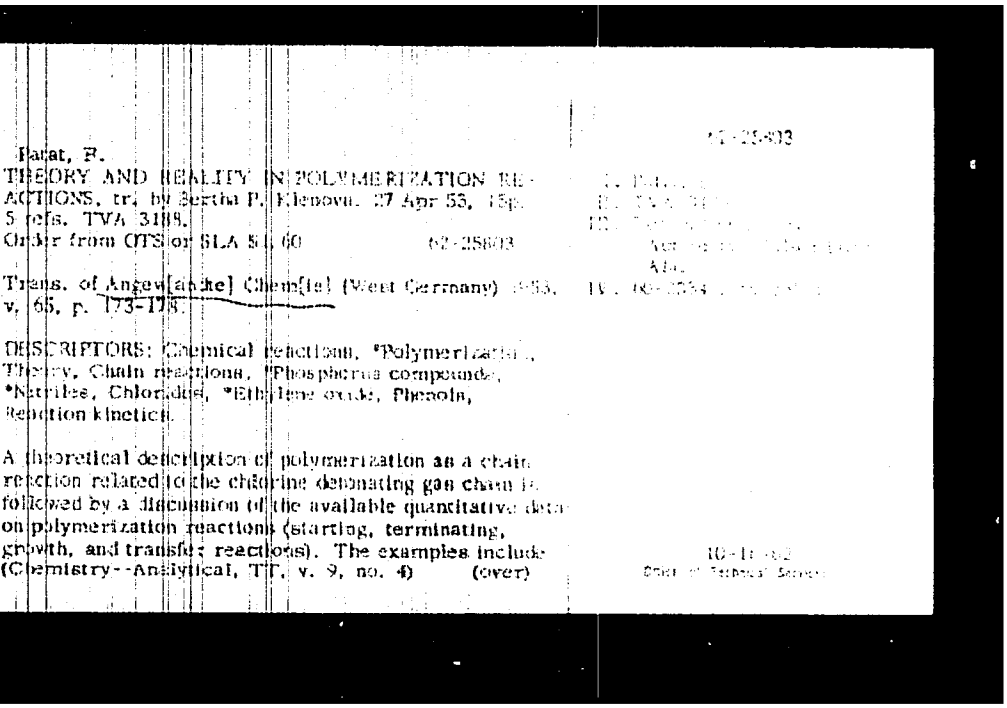
The determination of sulfate by photometric turbidity titration with barium chloride, described by Ringbom, has been applied to amounts of sulfate, ranging two decimal powers lower. The method then gains in importance for the determination of traces of sulfur in organic compounds by the combustion method. The... and other uses are discussed. (Author)
(Chemistry--Analytical, TT, v. 5, no. 4)

62-25804

I. Wickbold, R.
II. TVA-3187
III. Tennessee Valley Authority, Wilson Dam, Ala.
IV. 60-23342, cancelled

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2



Bayat, P.
THEORY AND REALITY IN POLYMERIZATION RE- [illegible]
ACTIONS, tr. by Bertha P. Klenova. 27 Apr 55, 15p. [illegible]
5 refs. TVA 3108.
Order from OTS for $1.4 50 62-25803 [illegible]
Also

Trans. of Angew[andte] Chem[ie] (West Germany) [illegible]
v. 65, p. 173-178.

DESCRIPTORS: Chemical reactions, *Polymerization, Theory, Chain reactions, *Phosphorus compounds, *Nitriles, Chlorides, *Ethylene oxide, Phenols, Reaction kinetics

A theoretical description of polymerization as a chain reaction related to the chlorine detonating gas chain is followed by a discussion of the available quantitative data on polymerization reactions (starting, terminating, growth, and transfer reactions). The examples include [illegible]
(Chemistry--Analytical, TT, v. 9, no. 4) (over) [illegible]

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Spandau, Hans and Brunneck, Edgar.
DETERMINATION OF THE PARTICLE WEIGHT OF ORGANIC COMPOUNDS WITH THE AID OF THE DIALYSIS METHOD. II. DIALYSIS MEASUREMENTS IN BENZENE. [1952] 7p.
Order from E-H 521.25 K-H 3250-d

Trans. of Angewandte Chemie (West Germany) 1953 v. 65, 7 Apr. [illegible]

DESCRIPTORS: Determination, *Molecular weight, *Particles, *Organic compounds, Electrodialysis.

(Chemistry--Organic, TT v. 8, no. 8)

62-22763

I. Spandau, H.
II. Brunneck, E.
III. Title: Dialysis...
IV. K-H-3250-d
V. Kresge-Hooker Science Library Associates, [illegible], Mich.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Detection of Phosphate-Bearing Roasting Additives in Meat Products, by R. Grau, R. Hamm, Anneliese Baumann, 2 pp.

GERMAN, per, Angew Chem, Vol LXV, 1953, No 2, p 2h2.

NOT RELEASABLE TO FOREIGN NATIONALS
CIA/FDD XX-192

Sci - Chemistry
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38,547

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Protein Synthesis in Yeast Cells, by Dr Fritz Turba, Herbert Esser, 4 pp.

GERMAN, per, Angewandte Chemie, Vol LXV, No 10, May 21, 1953, ~~pp 296, 297.~~

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Scientific - Chemistry

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17,904

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Inorganic High Polymers, by Dr. H. Specker, 10 pp.

GERMAN, per, Angew Chem, Vol LXV, 1953, pp 299-303.

29,489 CIA/FDD/X-1941

Scientific - Chemistry Dec 55 CTS/DEX

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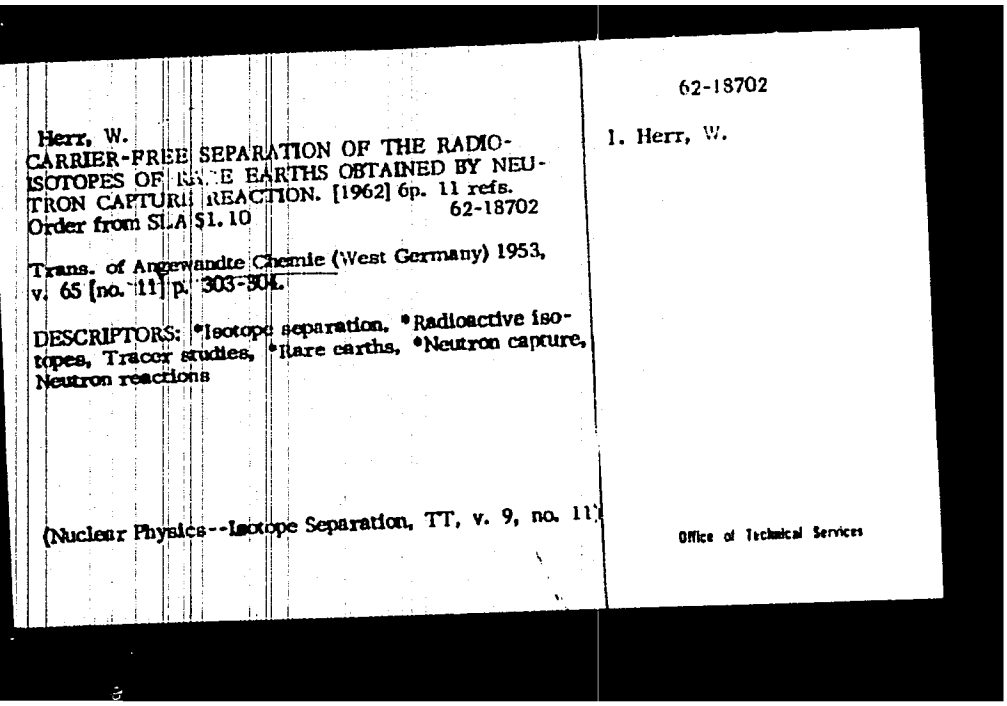

62-18702

Herr, W.
CARRIER-FREE SEPARATION OF THE RADIO-ISOTOPES OF RARE EARTHS OBTAINED BY NEUTRON CAPTURE REACTION. [1962] 6p. 11 refs.
Order from SLA $1.10 62-18702

Trans. of Angewandte Chemie (West Germany) 1953, v. 65 [no. 11] p. 303-304.

DESCRIPTORS: *Isotope separation, *Radioactive isotopes, Tracer studies, *Rare earths, *Neutron capture, Neutron reactions

(Nuclear Physics--Isotope Separation, TT, v. 9, no. 11)

1. Herr, W.

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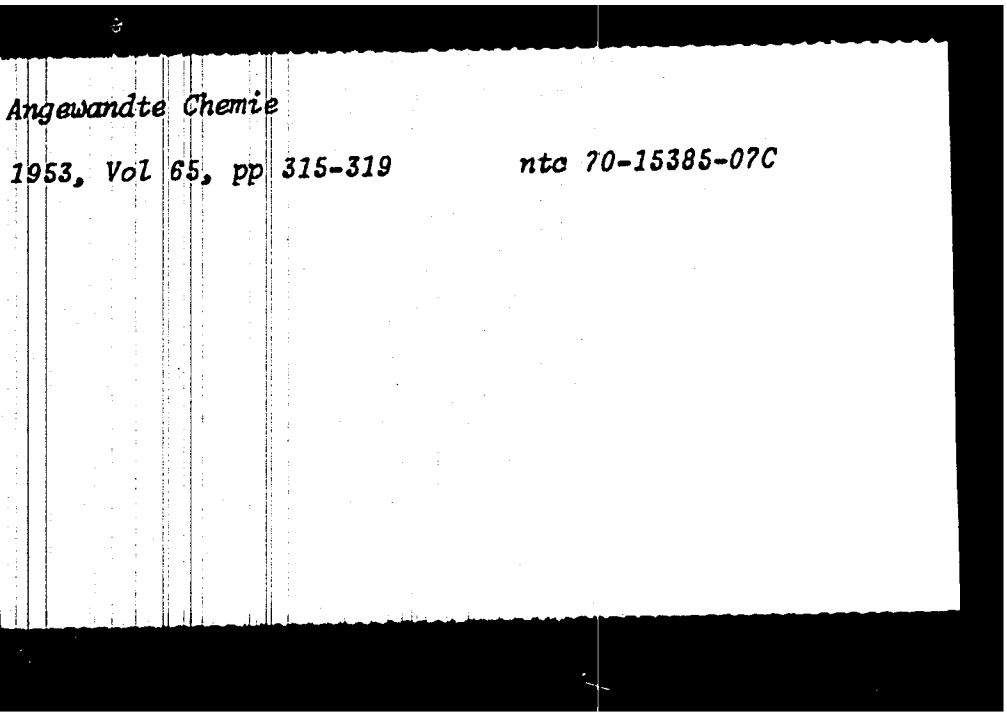

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Treiber, E. and Schurz, J.
RADIOGRAPH REQUIREMENTS FOR QUANTITATIVE INVESTIGATIONS: CONTRIBUTION TO THE KNOWLEDGE OF THE NUMERICAL INTENSITY FILM CURVE IN EXPOSURES WITH X-RAYS AND OF THE CONDITIONS FOR THE DEVELOPING OF X-RAY FILMS, tr. by Bertha P. Klenova. 2 Oct 52 [12]p. 27 refs. TVA 3131.
Order from OTS or SLA $1.60 62-25800

Trans. of Angew[andte] Chem[ie] (West Germany) 1953, v. 65, p. 453-457.

DESCRIPTORS: *Radiography, Radiographic film, *X-ray photography, X rays, Intensity, *Photographic film, Density, Photographic processors, Photographic emulsions, Photographic chemicals, Antifogging agents, Electron microscopy, Quantitative analysis. (Materials--Photographic, TT, v. 9, no. 6) (over)

62-25800

I. Treiber, E.
II. Schurz, J.
III. Title: Contribution ...
IV. TVA-3131
V. Tennessee Valley Authority, Wilson Dam, Ala.
VI. 60-23316, canceled

10-12-62

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Angewandte Chemie

1953, Vol 65, pp 549-555 ntc 70-15381-07B

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New Desoxy Sugars as Building Stones of Poly-saccharide Symplexes of Gram-Negative Bacteria Tyvelose and Abequose, by Dr O. Westphal, Dr O. Luderitz, Dr I. Fromme, Dr N. Joseph, 9 pp.

GERMAN, per, Angew Chem, Vol LXV, 1953, pp 555-557.

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17,890

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D'Ans, J. and Knütter, R.
RANGES OF EXISTENCE OF DICALCIUM PHOSPHATES AND APATITE IN THE SYSTEM $Ca(OH)_2$-H_3PO_4-H_2O AT 25°C, tr. by Bertha P. Klemola, 16 Mar 54, 8p. 13 refs. TVA 3265.
Order from OTS as SLA 54-116 62-25801

Trans. of Angewandte Chemie (West Germany) 1953, v. 65 [no. 23] p. 578-85.
Another trans. is available from ATS $9.30 as ATS-39L30G (1959) 7p.

DESCRIPTORS: *Minerals, *Apatite, *Calcium compounds, *Phosphates, Hydroxides, Solubility, Chemical precipitation, Crystallization.

Determinations of the stable and metastable solubilities of $CaHPO_4 \cdot 2H_2O$, and of the stable solubilities of hydroxyapatite and $CaHPO_4$ at 25° C. are discussed. Tr. Earth Sciences--Mineralogy. TT, v. 9, no. 6) (over)

62-25801

I. D'Ans, J.
II. Knütter, R.
III. TVA-3265
IV. Tennessee Valley Authority, Wilson Dam, Ala.
V. (62-25801, rev.)

(K1H/FDD x x. 193
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CHOICE OF SOLVENTS FOR THE DISTRIBUTION BETWEEN TWO LIQUID PHASES, BY F. A. METZSCH.

GERMAN, PER, ANGEWANDTE CHEMIE, VOL LXV, NO 23, 1953, PP 586-598.

DEPT OF INTERIOR
AC5 E57 NO 15
NTC 70-21608

SCI - CHEM

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213,107

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Chemistry and Energetics of Plant Photosynthesis,
by H. Holzer, 43 pp.

GERMAN, per, Angew Chem, Vol LXVI, 1954, pp 65-75.

5-15
NIH Tr 80x

Sci - Biol

48,024

May 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Selective Action Through Ion Change, by R. Griessbach.

GERMAN, per, Angew Chem, Vol LXVI, No 1, 1954, pp 17-27.

SLA TT-64-20493 ASLIB-GB29

Sci

Jul 59

92,594

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

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Scheel, K. C.
RAPID DETERMINATION OF POTASSIUM IN POTASH SALTS BY RADIATION MEASUREMENT. [1963] [10]p. 13 refs.
Order from SLA $1.10

63-14615

Trans. of Angew[andte] Chem[ie] (West Germany) 1954, v. 66, no. [illegible], p. 102-106.

DESCRIPTORS: *Radiochemistry, *Potassium, Radioactive isotopes, Measurement, Potassium compounds, Hydroxides, Salts, Chemical analysis, Radiation measureing devices, *Beta counters, *Nuclear industrial applications.

(Nuclear Physics and Nuclear Chemistry, TT, v. 10, no. 4)

63-14615

I. Scheel, K. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900032-2

Quantitative Combustion of Organic Substances Containing Fluorine, by R. Wickbold.
GERMAN, per, Angew. Chemie, Vol 66, No 6, 1954, pp 173-174.
(NRC/Ref: C-4953)

Sci -
Aug 67

339,913

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